

Former Plainwell Impoundment Time-Critical Removal Action Weekly Construction Update

Progress Report #64—September 15, 2008

Work Completed: September 4-September 10, 2008

- Completed the removal of the resuspension control system from Removal Area 12A.
- Continued removing floodplain soil from Removal Area 13A.
- Continued removing soil and sediment from Mid-Channel Area A and Removal Area 13B.
- Began removing soil and sediment behind the Phase 2 Cofferdam.
- Began restoration activities in Removal Area 11A.
- Continued site preparation activities to facilitate removal of sediment behind the Phase 2 Cofferdam.
- Continued soil/sediment solidification activities at Staging Areas 4N and 5S.
- Continued loading and transporting solidified soil/sediment material from Staging Areas 4N and 5S to Allied Waste C&C Landfill and Ottawa County Farms Landfill.
- Continued loading and transporting solidified soil/sediment TSCA material from Removal Area 12A to EQ Wayne County Disposal Facility.
- Continued operation of the WCS.

Estimated Weekly Volume Hauled to TSCA and Non-TSCA Landfill Facilities				
Date	Estimated Quantity TSCA-material (cubic yards)	Number of Truck Loads TSCA-material	Estimated Quantity Non-TSCA material (cubic yards)	Number of Truck Loads Non-TSCA material
Weekly Total	910	26	455	13
2008 Total	12,600	360	44,800	1,280
Project Total to Date	15,610	446	78,715	2,249

Note: All values are unofficial, estimated quantities, subject to revision/verification.

US EPA RECORDS CENTER REGION 5

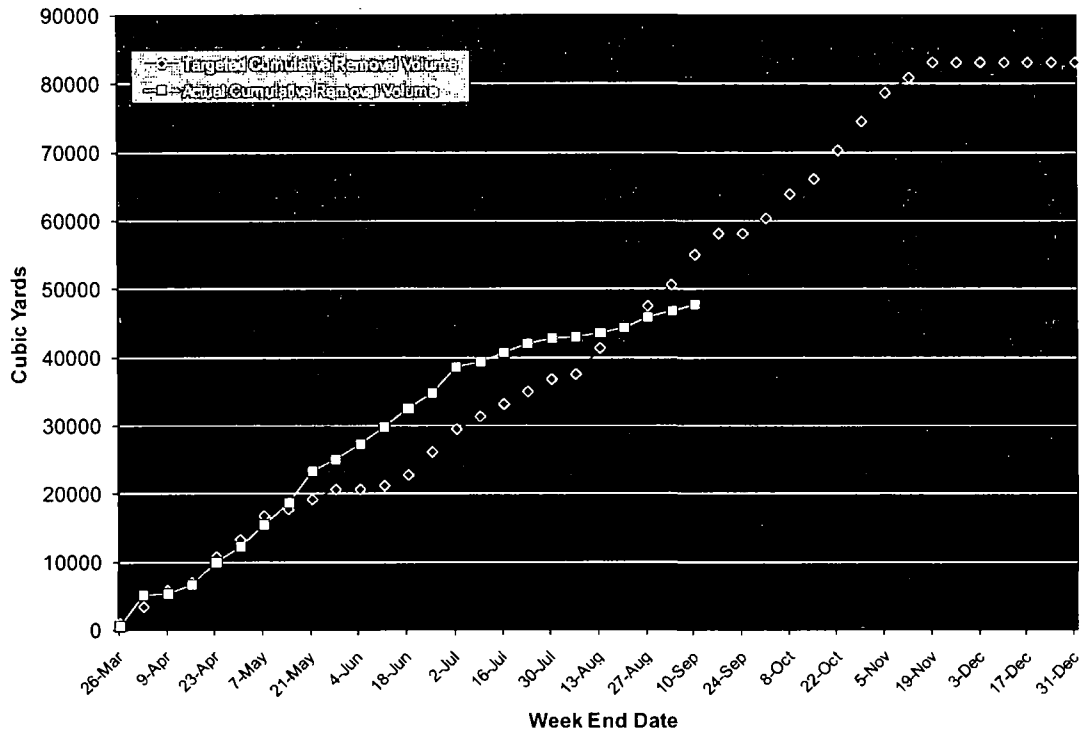


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Work Planned: September 11-September 17, 2008.

- Continue removing floodplain soil from Removal Area 13A.
- Continue removing soil and sediment from Mid-Channel Area A and Removal Area 13B.
- Continue removing soil and sediment within Phase 2 Cofferdam area.
- Continue restoration activities in Removal Area 11A.
- Complete site preparation activities to facilitate removal of material behind the Phase 2 Cofferdam.
- Begin installing the resuspension control system for Removal Area 13A.
- Continue soil/sediment solidification activities at Staging Areas 4N and 5S.
- Continue loading and transporting solidified soil/sediment material from Staging Areas 4N and 5S to Allied Waste's C&C Landfill and Ottawa County Farms Landfill.
- Continue loading and transporting solidified soil/sediment TSCA material from Removal Area 12A to EQ Wayne County Disposal Facility.
- Continue operation of the WCS.

Removal Progress

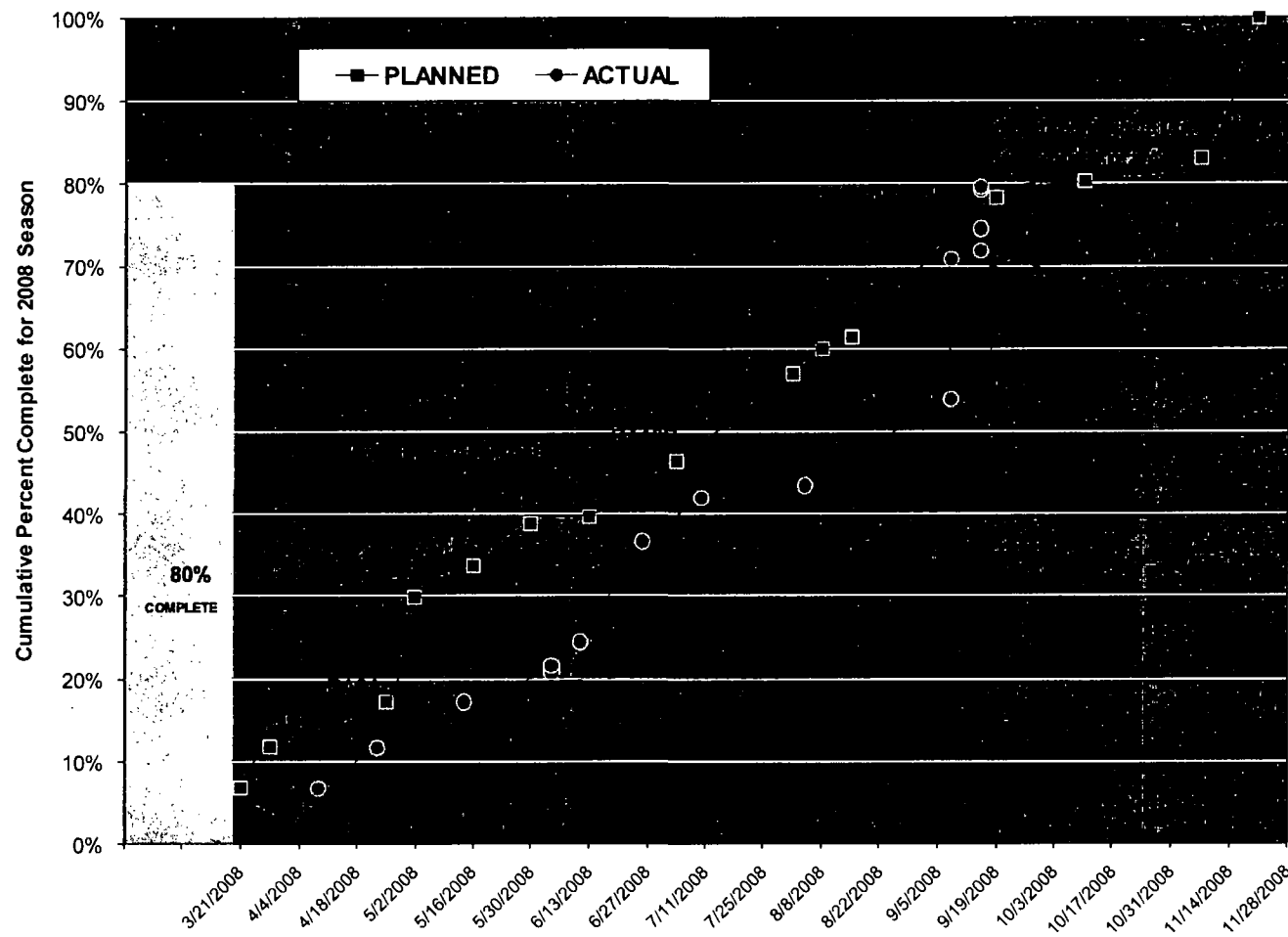


Notes:

Targeted volumes are neat and subject to change due to additional excavation done at request of USEPA.

Actual volumes removed below the targeted volumes potentially due to the conservative estimation methodology used to develop targeted figures and due to the actual topographic conditions encountered at the site, which could result in smaller volumes needing to be removed than originally estimated. The targeted volumes have been increased by 10% to account for additional material that could be removed as a result of over-excavation and additional removal in response to confirmation sampling. Soil/sediment removal activities are on schedule based on the ARCADIS BBL ES 4/30/07 Plainwell TCRA Construction Schedule.

Removal Progress



Notes:

For Areas where removal is less than 100% complete, the data point shown is an estimate based on area and volume considerations.

'Complete' is defined as removal of all targeted materials as detailed in the Plainwell TCRA Design Report.

Health & Safety Update

- 5 Loss Prevention Observations (LPOs) were completed during this period.
A total of 220 LPOs have been completed for the project to date.

Weather Summary

- Site activities were suspended for the day on 9/4/08 at 9:00 a m due to heavy rain and thunderstorms.

Environmental Monitoring and Construction Quality Assurance Testing

Resuspension/Turbidity Monitoring:

Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☒ Yes ☐ If yes, explain:

Dewatering System Discharge Monitoring:

Discharge Flow: 43,000 gallons (Staging Area 4N) and 16,600 gallons (Staging Area 5S)
Testing Performed this Week? No ☐ Yes ☒
Exceedances? N/A ☐ No ☐ Yes ☒ If yes, explain: Water continues to be treated in a batch process. Analytical results of one batch during this period prior to discharge resulted in PCB detection (0.1 mg/l) that exceeded the SRD permit requirements. The batch was retreated and the permit requirement was achieved, allowing the batch to be discharged.

Excavation Verification Sampling:

Testing Performed this Week? No ☒ Yes ☐
Cleanup Standard Achieved? N/A ☒ Yes ☐ No ☐ If no, explain:

Issues Encountered/Solutions Advanced

- None.

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Equipment on Site

Equipment	9/4/08	9/5/08	9/6/08	9/7/08	9/8/08	9/9/08	9/10/08
Komatsu PC-300 Excavator	4	4	4	4	4	4	4
Komatsu PC-300 HD Long Reach	2	2	2	2	2	2	2
Komatsu PC-200 Excavator	1	1	1	1	1	1	1
John Deere JD-50 Mini-Excavator	1	1	1	1	1	1	1
John Deere JD-450 Dozer	1	1	1	1	1	1	1
John Deere JD-700 Dozer	-	-	-	-	-	-	-
Komatsu D37 Dozer	1	1	1	1	1	1	1
Komatsu D61 Dozer	1	1	1	1	1	1	1
Komatsu D65 Dozer	-	-	-	-	-	-	-
Volvo P-180 Loader	1	1	1	1	1	1	1
Komatsu 380 loader	1	1	1	1	1	1	1
CAT 328 Loader (King)	1	1	1	1	1	1	1
FAVCO 40-ton Crane	1	1	1	1	1	1	1
40' Self Propelled Work Barge	1	1	1	1	1	1	1
American 80-ton Crane (King)	1	1	1	1	1	-	-
2,000 Gallon Water Truck	1	1	1	1	1	1	1
Smooth Drum Roller	1	1	1	1	1	1	1
John Deere Skidsteer	1	1	1	1	1	1	1
Vermeer Chipper	-	-	-	-	-	-	-
Komatsu 400 Articulating Dump Truck	2	2	2	2	2	2	2

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Personnel, Regulatory Staff, and Visitors on Site

Individual/Affiliation	9/4/08	9/5/08	9/6/08	9/7/08	9/8/08	9/9/08	9/10/08
Terra Contracting Staff	3	20	10		20	20	20
Jim Saric/USEPA							
Michael Berkoff/USEPA							
Steven Ells/USEPA							X
Mike Ribordy/USEPA OSC							X
Karl Gustavson/US ARMY ERDC							X
Paul Bucholtz/MDEQ							
John Bradley/MDEQ					X	X	X
Judith Gapp/MDEQ							
Todd Goeks/NOAA							
John Lerg/MDNR							
Sharon Hanshue/MDNR							
Chris Frieburger/MDNR							
Weston Contractors	X	X			X	X	X
CDM Contractors	X	X	X		X	X	X
Chase Fortenberry/KRSG							
Mark Brown/KRSG							
Paul Monteny/KRSG							
Eric Schmidt/KRSG							
Suda Arakere/KRSG							
Steve Garbaciak/ARCADIS							X
Mike Erickson/ARCADIS							X
Scott H Marcus/ARCADIS	X	X			X	X	X
Eric Hritsuk/ARCADIS							
Matt Bowman/ARCADIS							X
EJ Suardini/ARCADIS	X	X			X	X	X
Mike Kohagen/ARCADIS	X	X	X		X	X	X
Michelle Rumler/ARCADIS	X	X	X			X	X
Joe Willoughby/ARCADIS	X	X				X	
Ben Lawrence/ARCADIS		X			X		X
Erik Pietrzak/ARCADIS	X						
ARCADIS H&S Audit Team							
Nick Harmer/ARCADIS	X	X	X		X	X	X
<i>Other Subcontractors (Specify)</i>							
King Co.					1	3	3
JF New							

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Photos from September 4-September 10, 2008



Spreading topsoil in Removal Area 11A.



Excavating soil and sediment
in Mid-Channel Area A.



Removing soil and sediment from behind the Phase
2 Cofferdam.



Lining trucks before loading at Staging Area 5S.

